

KORYTSEVA, E.N.; FEDOSEYEV, A.D.

Changes in the structure of thomsonite during heating. Zap. Vses.  
min. ob-va 93 no.3:352-356 '64. (MIRA 18:3)

1. Institut khimii silikatov AN SSSR, Leningrad.

L 7694-66 EWT(m)/EWP(1) RM

ACC NR: AP5028736

SOURCE CODE: UR/0363/65/001/011/2031/2038

AUTHOR: Fedoseyev, A. D.; Grigor'yeva, L. F.; Chigareva, O. G.; Krupenikova, Z. V.;  
Rozhnova, G. A. 70  
68  
5

ORG: Institute of Silicate Chemistry im. I. V. Grebenshchikov, Academy of Sciences,  
SSSR (Institut khimii silikatov, Akademii nauk SSSR)

TITLE: Asbestos type synthetic fibrous fluosilicates, their properties and potential  
uses

SOURCE: AN SSSR. Izvestiya. Neorganicheskiye materialy, v. 1, no. 11, 1965,  
2031-2038

TOPIC TAGS: asbestos product, synthetic fiber, fluoroamphibole, fluosilicate, fiber  
crystal, crystallization, thermal stability, tensile strength, heat resistance,  
chemical stability

ABSTRACT: Certain experimental data are presented on the preparation and properties  
of the fibrous fluoroamphiboles. The data were obtained in a systematic study of  
asbestos-type fibrous silicates, which has been conducted at the Institute of Silicate  
Chemistry, AN SSSR. This study was prompted by the recently developed interest in  
synthetic asbestos materials which may be substituted for natural asbestos and may  
also find new technical applications because of the widely varied composition and  
properties. The data presented concern crystallization from fluxed melt of the fluoro-

Card 1/2

UDC: 54-114

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L 7694-66

ACC NR: AP5028736

2

amphiboles of the general formula:  $X_2-3Y_5[Si_4O_{11}]_2(P, Cl, OH)_2$  where X is  $Na^+$  and Y is  $Mg^{2+}$ ,  $Mg^{2+}$  and  $Fe^{3+}$ ,  $Mg^{2+}$  and  $Ni^{2+}$ ,  $Mg^{2+}$  and  $Co^{2+}$ , or  $Mg^{2+}$  and  $Cr^{2+}$ . Moreover, a lithium-magnesium fluoroamphibole was synthesized. The effects were determined of temperature (850—1050C) and fluorine content in the charge on the habit and mineralogical composition of the fluoroamphibole crystals. The conditions were optimized for obtaining the highest content of the fibrous variety in the product. Crystal optical constants and parameters of the unit cell were determined for the six synthesized fluoroamphiboles. A comparative study was made of the thermal, mechanical, and chemical properties of the fluoroamphiboles and some natural asbestos. Thermal stability of the fluoroamphiboles was found to be 100—150C higher than that of the natural amphibolic asbestos. The chromium fluoroamphibole was the most stable. Acid- and alkali-resistance of the fluoroamphiboles, except the lithium-magnesium fluoroamphiboles, was equivalent to that of a natural asbestos. Tensile strength, the most important characteristic, was found to be of the same order of magnitude in synthetic fluoroamphiboles as in natural asbestos of various origin and in whiskers of refractory oxides. Tensile strength decreased after heat treatment at a temperature of 150 to 200C higher in the fluoroamphiboles than in a natural asbestos. The potential uses of the synthetic fluoroamphiboles include industrial filters, fillers in rubber products and thermally resistant glues, gaskets in high-pressure or high-vacuum apparatus, fire protective and heat insulating materials, and structural reinforcing fillers in the new [unnamed] materials. Orig. art. has: 1 figure and 6 tables. [JK]

SUB CODE: MT/ SUBM DATE: 31May65/ ORIG REF: 007/ OTH REF: 010/ ATD PRESS:

Card 2/2

4142

FEDOSEYEV, A.D., doktor tekhn.nauk

Methods for the production of synthetic asbestos. Vest. AN SSSR 35  
no.10:46-48 0 '65. (MIRA 18:10)

1. Institut khimii silikatov im. I.V.Grebenshchikova AN SSSR.

... Kukhar'skaya, E. V.; Fedoseyeva, A. ... Fil'mova, A. ...

U.S. Copyright Office, 17 U.S.C. § 101, 102

... acoustic field, silicone, and ... strength

Analysis and IR spectra indicate the presence of water and of in the treated asbestos. Inasmuch as interplanar distances are

AP5008803

exhausting fibers after the ...

... content in the modified ...

... treated for ...

siloxane fluid		
VKZh-94B (VTU KHP)	7-9	0.44
E(64-54*)		
siloxane rubber		
... in benzene	5.10	
...		

with asbestos. Acid resistance is shown in Table 1.  
 Table 1. Effect of hydrochloric acid solutions on  
 initial and modified chrysotile asbestos

Concentration	Weight losses of asbestos	
	Initial	Modified
10	20.0	10.0
5	17.3	9.0

Card 3/5

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ment. The authors suggest that active participation in the development of the molecule is a key factor in the instruction



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CIA-RDP86-00513R00041272(

L 10688-66 EWP(e)/EWT(m)/EWP(j) RM/WH

ACC NR: AP5028624

SOURCE CODE: UR/0030/65/000/010/0046/0048

AUTHOR: Fedoseyev, A. D. (Doctor of technical sciences)

40  
B

ORG: Institute of Silicate Chemistry im. I. V. Grebenshchikov, Academy of Sciences, SSSR (Institut khimii silikatov, Akademiya nauk SSSR)

TITLE: Methods of preparing synthetic asbestoses 5, 44, 55

SOURCE: AN SSSR. Vestnik, no. 10, 1965, 46-48

TOPIC TAGS: silicate, asbestos, inorganic synthesis, crystallization, synthetic material, heat resistant material, synthetic fiber

ABSTRACT: Fibrous silicates are synthesized by crystallization from fluorine-containing melts at normal atmospheric pressure or under hydrothermal conditions in autoclaves at 300-550C and up to 1,000 atm. Artificial asbestoses can also be obtained by recrystallizing natural magnesium silicates (serpentine, olivine, serphites) and other rocks and minerals by hydrothermal treatment in various media and under various conditions. A special laboratory created in 1961 at the Institute of Silicate Chemistry im. I. V. Grebenshchikov, Academy of Sciences SSSR (Institut khimii silikatov Akademii nauk SSSR) has been working on the development of methods of synthesis and studying the properties of artificial fibrous silicates. Since then, the laboratory has prepared amphibole and serpentine-type asbestoses, developed a method of their synthesis from melts and under hydrothermal conditions, studied their properties, and performed tests for practical applications. Isomorphous substitution has permitted the preparation of completely new types of synthetic asbestos.

UDC: 661.183.6+666.858

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L 10688-66

ACC NR: AP5028624

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toses having no analogs in nature, such as those containing lithium, barium, strontium, cobalt, nickel, chromium, and other types. Orig. art. has: 2 figures.

SUB CODE: 11, 07 / SUBM DATE: none

HW

Card 2/2

L 13047-66

ACC NR: AP5025802

SOURCE CODE: UR/0363/65/001/009/1614/1616

AUTHOR: Chigareva, O. G. & Fedosyev, A. D.

ORG: Institute of Silicate Chemistry im. I. V. Grebenshchikov (Institut khimii silikatov) 1313

TITLE: Synthesis of fibrous chromium containing fluoramphibole

SOURCE: AN SSSR. Izvestiya. Neorganicheskiye materialy, v. 1, no. 9, 1965, 1614-1616

TOPIC TAGS: fluoride mineral, alkali mineral, silicate, chromium compound

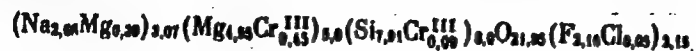
ABSTRACT: Chromium-containing fluoramphibole was synthesized by heating mixtures of amorphous  $\text{SiO}_2$ ,  $\text{MgO}$ ,  $\text{Cr}_2\text{O}_3$ ,  $\text{MgF}_2$  and  $\text{NaF}$  with fluxing agents  $\text{NaCl}$  and  $\text{Na}_2\text{CO}_3$  (20 wt %). The proportions of the components were set in accordance with the hypothetical amphibole  $\text{Na}_3\text{Mg}_4\text{Cr}^{\text{III}}\text{Si}_9\text{O}_{22}\text{F}_2$ . Numerous experiments established the following conditions as being optimal for the synthesis: a fluorine content of the mixture 3.5 times greater than theoretical and holding for 36 hr at  $920^\circ\text{C}$ . Chemical analysis showed that the synthesized fluoramphibole had the formula

Card 1/2

UDC: 54-114

L 13047-66

ACC NR: AP5025802



which differs from the original formula by a somewhat higher magnesium content and lower Cr<sup>III</sup> content. This apparently results from the fact that a part of the trivalent chromium is oxidized to the hexavalent state during heating to form sodium chromate which is always present in the synthetic product. Data obtained from x ray powder patterns of the synthesized fluoramphibole are tabulated. Orig. art. has: 1 figure, 3 tables.

SUB CODE: 07/ SUBM DATE: 13Apr65/ ORIG REF: 002/ OTH REF: 002

Card 2/2

L 11875-66 EWP(e)/EWT(m)/EWP(b) WH/WH

ACC NR: AT6002235 SOURCE CODE: UR/2564/65/006/000/0014/0017

AUTHOR: <sup>44,55</sup> Fedoseyev, A. D.; <sup>44,55</sup> Makarova, T. A.

ORG: none

TITLE: Synthesis of fibrous silicates under hydrothermal conditions

SOURCE: <sup>44,55</sup> AN SSSR. Institut kristallografi. Rost kristallov, v. 6, 1965, 14-17

TOPIC TAGS: crystal growth, silicate, magnesium compound, sodium compound, crystallization

ABSTRACT: Artificial fibrous magnesium silicates were synthesized by crystallization from oxides, hydroxides, and soluble magnesium salts and sodium silicates in stainless steel autoclaves. The best results were obtained with freshly precipitated  $Mg(OH)_2$  and sodium silicate (in the form of water glass). The experiments were conducted at 200 — 550C and pressures from 100 to 1100 kg/cm<sup>2</sup> and lasted up to two days. Serpentine was found to crystallize in the form of scales and fibers at 200 — 400C. At higher temperatures, an amphibole-type sodium magnesium silicate is formed, as indicated by chemical, x-ray, and crystal-optical analyses. The longest fibers (from 0.5 to

Card 1/2

L 11875-66

ACC NR: AT6002235

3 mm) crystallize at 500 — 550C and 500 — 1100 kg/cm<sup>2</sup>. Forsterite is formed at the same time in amounts of 2 to 7%. At lower temperatures (300 — 400C), amphibole crystallizes in the form of short fibrous bundles. Orig. art. has: 4 figures.

SUB CODE: 20, 07/ SUBM DATE: none

HW  
Card 2/2

L 11872-66 EWT(m)/EWP(e)/EWP(b) WW/WH

ACC NR: AT6002240

SOURCE CODE: UR/2564/65/006/000/0105/0110

AUTHOR: Grigor'yeva, L. F.; Rozhnova, G. A.; Fedoseyev, A. D.

ORG: none

TITLE: Mechanism and kinetics of crystallization of fibrous silicates from melts

SOURCE: AN SSSR, Institut kristallografi. Rost kristallov, v. 6, 1965, 105-110

TOPIC TAGS: crystallization, crystal growth, nonstructural mineral product, *silicate*

ABSTRACT: The crystallization of amphiboles was studied during their synthesis at 500 — 1100C from mixtures corresponding to the theoretical formula  $\text{Na}_2\text{Mg}_6\text{Si}_8\text{O}_{22}\text{F}_2$  and containing mineral fluxes. The experiments showed that the gas phase plays an important part in the crystallization of amphibole fibers from melts. A study of the effect of the temperature gradient (in which the cooling rate of the furnace was varied between 220 and 1 degree per hour) revealed that long amphibole fibers crystallize in the presence of the temperature gradient at the level of the crucible and primarily in the zone of high temperatures. At high cooling rates, the mineralogical composition of the synthesized products changes somewhat: the amount of mica and glass increases, and the amphibole fibers become thicker and less elastic. It is concluded that the growth of

Card 1/2



L 11872-66

ACC NR: AT6002240

amphibole fibers is supplied by the gas phase as well as the melt, which is a solution of the main components in the eutectic mixture  $\text{NaCl-Na}_2\text{CO}_3$ . In addition to helping elucidate the mechanism of crystallization of fibrous amphiboles, the results enabled the authors to select optimum conditions for a reproducible synthesis of high yields of amphibole fibers up to 20 — 25 mm long. Authors express their deep appreciation to D. P. Grigor'ev, V. B. Tatarskiy, and T. G. Petrov for a joint discussion of the results and helpful suggestions. Orig. art. has: 4 figures.

SUB CODE: 20/ SUBM DATE: none/ ORIG REF: 001/ OTH REF: 007

jw  
Card 2/2

FEDOSEYEV, A.D.; GRIGOR'YEVA, L.F.; CHIGAREVA, O.G.; KRUPENIKOVA, Z.V.;  
ROZHNOVA, G.A.

Synthetic fibrous asbestos-type fluosilicates, their properties  
and prospects for utilization. Izv. AN SSSR. Neorg. mat. 1  
no.11:2031-2038 N '65. (MIRA 18:12)

1. Institut khimii silikatov imeni I.V. Grebenshchikova  
AN SSSR. Submitted May 31, 1965.

SKORIK, Yu.J.; KUKHARSKAYA, E.V.; FEDOSEYEV, A.D.; KLIMOVA, K.P.

Modification of chrysotile asbestos with organopolysiloxanes  
in an acoustic field. Zhur. prikl. khim. 38 no.3:510-515  
Mr '65. (MIRA 18:11)

1. Institut khimii silikatov imeni Grebenshchikova AN SSSR.  
Submitted June 22, 1964.

BERTINOV, Al'bert Iosifovich; LARIONOV, A.N., prof., doktor tekhn.nauk, retsenzent; ROMANOV, M.F., doktor tekhn.nauk, retsenzent; ATABEKOV, G.I., prof., doktor tekhn.nauk, retsenzent; GOLGOFSKIY, F.I., inzh., retsenzent; FEDOSEYEV, A.F., kand. tekhn.nauk, retsenzent; ISTRATOV, V.N., kand.tekhn.nauk, red.; PETROVA, I.A., izdat.red.; GARNUKHINA, L.A., tekhn.red.

[Aeronautical electric generators] Aviatsionnye elektricheskie generatory. Moskva, Gos.isd-vo obor.promyshl., 1959. 594 p. (MIRA 12:7)

1. Chlen-korrespondent AN SSSR; zaveduyushchiy kafedroy aviatsionnogo i avtotraktornogo oborudovaniya Moskovskogo energeticheskogo instituta im.Melotova (for Larionov).  
(Electric generators) (Airplanes--Electric equipment)

L 31871-66 EWT(m)/ATC(1)/EMP(1)/ETI 1JP(c) AT/WI/ES/AB/ID/16/6D  
 ACC NRI AT6013565 SOURCE CODE: UR/0000/63/000/000/0274/0277

AUTHOR: Fedorus, A. G.; Marchuk, P. M.

ORG: Institute of Physics AN UkrSSR (Institut fiziki AN UkrSSR)

TITLE: Thermoelectronic properties of  $(UC)_{0.2}:(ZrC)_{0.8}$

SOURCE: AN UkrSSR. Institut problem materialovedeniya. Vysokotemperaturnyye neorganicheskiye soyedineniya (High temperature inorganic compounds). Kiev, Naukova dumka, 1965, 274-277

TOPIC TAGS: uranium, zirconium, carbide, thermoelectric convertor, electric power production

ABSTRACT: The thermoelectronic emission of uranium mono- and dicarbides and of solid solution of uranium and zirconium carbides  $(UC)_{0.2}:(ZrC)_{0.8}$  was studied in vacuo and the thermoelectronic emission of  $(UC)_{0.2}:(ZrC)_{0.8}$  solid solution was studied in the presence of cesium vapor. The temperature varied from 1620°K to 2200°K and the cesium vapor pressure varied in a wide range (saturation pressures corresponding to 70-200°C). The experimental tube used in this work is shown. The cathode thermoelectronic emission efficiency was calculated from the formula

$$\eta \approx \frac{P_u}{P + I_{u0}}$$

Card 1/2

L 31871-66

ACC NR: AT6013565

where  $P_M$  is the maximum specific output per cathode unit surface area,  $P$  is the intensity of thermal radiation per cathode unit surface area,  $j_M$  is the cathode current density corresponding to  $P_M$ , and  $Y$  is the work function corresponding to  $j_M$  at a given temperature. Orig. art. has: 4 figures, 1 formula.

SUB CODE: 07, 09/ SUBM DATE: 03Jul65/ . ORIG REF: 001/ OTH REF: 003

Card 2/2 JS

~~FEDOSEYEV, Aleksandr Lvovich~~ [Fedosiev, O.]; NEBILITSYA, V.,  
red.; MOLCHANOVA, T., tekhn.red.

[Our marked progress] Na krutomu pidnasenni. Odessa,  
Odes'ke knyzhkove vyd-vo, 1959. 69 p. (MIRA 13:1)

1. Sekretar Odes'kogo obkomu KP Ukraini (for Fedoseyev).  
(Odessa Province--Agriculture)

KUTOVOY, Ivan Denisovich; FIDOSEYEV, Aleksandr Mikhaylovich;  
ANDREYEV, N.N., inzhener, redsentent; YEGORIKIN, L.I., inzhener,  
redaktor; MODEL', B.I., tekhnicheskiiy redaktor

[Reference book on equipment for repair shops and plants in agriculture] Spravochnik po oborudovaniyu remontnykh masterskikh i zavodov sel'skogo khoziaistva. Izd. 3-e, perer. i dop. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1957. 875 p. (Agricultural machinery. Repairing.) (MLRA 10:4)

(Agricultural machinery--Repairing)  
(Machine shops)

(MLRA 10:4)



SOV/119-59-3-18/22

28(1)

AUTHOR:

Petukhov, P.Z.. Professor, Doctor of Technical  
Sciences, Fedosyev, A.M., Engineer and Deych, G. Sh.

TITLE:

On the Application of Forging Manipulators (O primeneni  
kovochnykh manipulyatorov)

PERIODICAL:

Mekhanizatsiya i avtomatizatsiya proizvodstva, 1959,  
Nr 3, pp 54-55 (USSR)

ABSTRACT:

An important part in machine building is played by  
forging work, and, therefore, the forging press depart-  
ments of large plants are already and in future will be  
still more fully equipped with first-rate forging presses.  
Alloys, weighing tens of and even hundreds of tons, are  
forged by such presses. The transportation of heated  
alloys to the presses is carried out by bridge cranes.  
Experience shows, that presses with forging manipulators  
possess a rate of production 50-80% higher than that of  
presses with forging cranes. Their fuel consumption is  
lower by 10-20%. The authors are of the opinion, that  
presses with pressures of up to 3 tons, can be adequately

Card 1/2

SOV/1 18-59-3-18/22

On the Application of Forging Manipulators

operated by transporting cranes only. Having given a detailed account of production costs and the price of the machine itself, the authors conclude as follows: The State Technical Scientific Committee of the USSR of the Council of Ministers and the Gosplan should be given the task of finding the very best possibilities for complex mechanization of forging press departments, and specially for the construction of forging manipulators with various load capacities.

Card 2/2

BOGDASHIN, A.S.; BOGORODSKIY, A.A.; VINGARD, M.B.; GORBUNOV, V.I.;  
GORBUNOV, V.R.; DUROV, V.K.; YERMAKOV, A.L.; IVANOV, A.A.;  
KARAKOVA, M.I.; KOBILYAKOV, L.M.; KOZLOVSKIY, N.I.; MARAKHTANOV,  
K.P.; MIRUMYAN, G.N.; NECHETOV, G.P.; NOVIKOV, A.G.; OL'KHOVSKIY,  
K.I.; PESTRYAKOV, A.I.; POLAPANOV, A.V.; SKLYAREVSKAYA, Ye.Kh.;  
SOLDATANKOV, S.I.; SOROKIN, Ye.M.; TRUSHINA, Z.V.; FEDOROV, P.F.;  
FEDOSEYEV, A.M.; FROG, N.P.; SHAMAYEV, G.P.; YANOVSKIY, V.Ya.;  
ORUKHOV, A.D., spetsred.; DEYEVA, V.M., tekhn.red.

[Handbook on new agricultural machinery] Spravochnik po novoi  
tekhnike v sel'skom khoziaistve. Moskva, Gos.isd-vo sel'khoz.  
lit-ry, 1959. 364 p. (MIRA 13:2)  
(Agricultural machinery)

ACC NR: AP7002308

SOURCE CODE: UN/0113/66/000/006/0128/0128

AUTHOR: Borchaninov, G. S.; Sokolov, N. I.; Vasil'yev, A. A.; Tarasov, V. I.;  
Grudinskiy, P. G.; Ul'yanov, S. A.; Kuvshinskiy, N. N.; Fedoseyev, A. M.

ORG: none

TITLE: L. N. Baptidanov (Deceased)

SOURCE: IVUZ. Energetika, no. 6, 1966, 128

TOPIC TAGS: electric engineering personnel, academic personnel

ABSTRACT: L. N. Baptidanov died January 13, 1966. His working life was primarily dedicated to training of electrical engineering specialists. Soon after graduating from the Electrical Industrial Faculty of the Moscow Institute of the National Economy, Baptidanov began teaching at the Moscow Power Technical School. In 1934, Baptidanov began teaching at the All Union Correspondence Industrial Institute, then in 1946 he shifted to the All Union Industrial Academy of Machine Building, where he worked in the chair of electrical power stations. He was responsible for the creation of a model electrical station in the electrical stations chair of the Moscow Power Institute. Baptidanov was also very active as an author, writing such works as "Industrial Enterprise Substations", "Electrical Equipment of Electrical Stations and Substations", etc. From 1943 to 1946, Baptidanov worked as the Scientific editor for Electrical engineering at the State Power Literature Publishing House. [JPRS: 37,564]

SUB CODE: 09 / SUBM DATE: none

Card 1/1

FEDOSEEV, A. M. , ed/

Principles of the technique of electric relays Moskva, Gos. energ. izd-vo, 1944. 435 p. At head of title: M. F. Kostrov, I.I. Solov'ev, A. M. Fedoseev.

~~SECRET~~  
CHERNOBROVOV, N.V., inshener.

"Present-day relay protection." G.I.Atabekov, A.M.Fedoseev. Reviewed  
by N.V.Chernobrovov. Elektrichestvo no.1:88-89 Ja '49. (MIRA 7:10)

1. Mosenergo.

(Electric relays) (Atabekov, G.I.) (Fedoseev, A.M.)

PHASE I Treasure Island Bibliographic Report

00000029

BOOK

Call No.: TK2861.F4

Author: FEDOSEEV, A.

Full Title: PROTECTIVE RELAYS IN ELECTRIC SYSTEMS.

Transliterated Title: Releynaya zashchita elektricheskikh sistem

Publishing Data

Originating Agency: None.

Publishing House: State Power Publishing House (Gosenergoizdat)

Date: 1952.

No. pp.: 480.

No. copies: 15,000.

Editorial Staff

Editors: None

Technical Editor: None

Editor-in-Chief: None.

Appraisers: None.

Text Data

Coverage: A textbook which includes the latest developments in protective relays in tri-phase high voltage electric systems, transmission and distributing lines, power stations, transforming stations, and substations. Various types of relays are considered as a part of the automatic systems in electric installations with primary emphasis on the technique of their protection for different purposes. Basic requirements and economic considerations in selection of construction and method of operation of the relays are described in detail with numerous diagrams and charts. The chronological development of protective relays in Russia since 1890 is outlined with reference to the work of a few outstanding engineers conducted at specific research institutions and experimental installations.

1/2

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Card 2/2

Call No.: TK2861.F4

Full Title: PROTECTIVE RELAYS IN ELECTRIC SYSTEMS

Purpose: A textbook for students of electrical engineering and electric power at institutions of higher education and also for the use of practicing electrical engineers.

Facilities:

Maranchak, V.M. .... Taught basic course with author  
Fabrikant, V.L. .... For valuable comments on manuscript  
Chernin, A.B.

No. of Russian References: 156

Available: Library of Congress



GUSEV, S.A., inzh.; ZHUKHOVITSKIY, B.Ya., kand.tekhn.nauk; ZARIN, D.D.,  
kand.tekhn.nauk; IVANOV-SMOLENSKIY, A.V., kand.tekhn.nauk;  
KNYAZEVSKIY, B.A., kand.tekhn.nauk; KUZNETSOV, A.I., inzh.;  
KOZIS, V.L., kand.tekhn.nauk; KORYTIN, A.A., inzh.; LASHKOV,  
F.P., inzh.; L'VOV, Ye.L., kand.tekhn.nauk; MELESHKINA, L.P.,  
kand.tekhn.nauk; MEKRASOVA, M.M., kand.tekhn.nauk; NIKULIN,  
N.V., kand.tekhn.nauk; POLEVOY, V.A., kand.tekhnicheskikh  
nauk; RAZVIG, D.V., kand.tekhn.nauk; ROZANOV, G.M., kand.tekhn.  
nauk; RUMSHISKIY, L.Z., kand.fiz.-matem.nauk; SVISTOV, H.K.,  
kand.tekhn.nauk; SIROTINSKIY, Ye.L., kand.tekhn.nauk; SOKOLOV,  
M.M., kand.tekhn.nauk; TALITSKIY, A.V., prof.; TREMBACH, V.V.,  
inzh.; FEDOROV, A.A., kand.tekhn.nauk; GRUDINSKIY, P.G., prof.;  
PRYTKOV, V.T., kand.tekhn.nauk; CHILIKIN, M.G., prof., glavnyy  
red.; GOLOVAN, A.T., prof.; red.; PETROV, G.N., prof., red.;  
FEDOSEYEV, A.M., prof., red.; ANTIK, I.V., red.; SKVORTSOV, I.M.,  
tekhn.red.

[Handbook for electric engineering] Elektrotekhnicheskiy spravochnik.  
Moskva, Gos.energ.izd-vo, 1952. 640 p. (MIRA 13:2)

1. Prepodavateli Moskovskogo energeticheskogo instituta imeni V.M.  
Molotova (for all except Antik, Skvortsov).  
(Electric engineering)

The Committee on Stalin Prizes (of the Council of Ministers USSR) in the fields of science and inventions announces that the following scientific works, popular scientific books, and textbooks have been submitted for competition for Stalin Prizes for the years 1952 and 1953. (Sovetskaya Kultura, Moscow, No. 22-40, 20 Feb - 3 Apr 1954)

<u>Name</u>	<u>Title of Work</u>	<u>Nominated by</u>
<u>Fedoseyev, A. M.</u>	"Relay Protection of Electric Power Systems" (student manual)	Moscow Power Engineering Institute imeni V. M. Molotov

SO: W-30604, 7 July 1954

1-2 P. 1 Y E. A 117

GOLOVAN, A.T., professor, redaktor; GRUDINSKIY, P.G., professor, redaktor;  
PETROV, G.M., professor, redaktor; ~~FEDOSHEYEV~~, A.M., professor, redaktor;  
CHILIKIN, M.G., professor, redaktor; ARTIK, I.V., inzhener, redaktor;  
SKVORTSOV, I.M., tekhnicheskij redaktor

[Electric engineering handbook] Elektrotekhnicheskij spravochnik. Izd.  
2-oe, perer. Pod obshchei red. V.M. Molotova, i dr. Moskva, Gos. energ.  
Vol. 1. 1955. 527 p. Vol. 2. 1955. 624 p. (MIRA 9:1)

1. Moskovskiy energeticheskij institut imeni V.M. Molotova (for all  
except Skvortsov)

(Electric engineering--Handbooks, manuals, etc.)

Name: FEDOSEYEV, Aleksey Mikhaylovich  
Dissertation: Relay Protection of Electrical Systems  
Degree: Doc Tech Sci  
Affiliation: Not indicated  
Defense Date, Place: 25 May 56, Council of Moscow Order of  
Lenin Power Engineering Inst imeni  
Molotov  
Certification Date: 7 Jul 56  
Source: BMVO 5/57

ETD 032 YEV A. M.  
ALEKSANDROV, A.G., dots; ARONOVICH, I.S., inzh.; BABIKOV, M.A., doktor tekhn.nauk; BATUSOV, S.V., kand.tekhn.nauk; BEL'KIND, L.D., doktor tekhn.nauk; VENIKOV, V.A., doktor tekhn.nauk; VISELOVSKIY, O.H., kand.tekhn.nauk; GOLOVAN, A.T., doktor tekhn.nauk; GOLUBTSOVA, V.A., doktor tekhn.nauk; GRUYMER, L.K., inzh.; GRUDINSKIY, P.G., prof.; GUSMV, S.A., inzh.; DMOKHOVSKAYA, L.F., kand.tekhn.nauk; DROZDOV, N.G., doktor tekhn.nauk; IVANOV, A.P., doktor tekhn.nauk [deceased]; KAGANOV, I.L., doktor tekhn.nauk; KENBER, L.L., inzh.; KOCHENOVA, A.I., kand.tekhn.nauk.; LARIONOV, A.N.; MINOV, D.K., doktor tekhn.nauk; NNTUSHIL, A.V., doktor tekhn.nauk; NIKULIN, N.V., kand.tekhn.nauk; NILINDER, R.A., prof.; PANTYUSHIN, V.S., prof.; PASYNKOV, V.V., doktor tekhn.nauk; PETROV, G.N., doktor tekhn.nauk; POLIVANOV, K.M., doktor tekhn.nauk; PRIVEZMITSSEV, V.A., doktor tekhn.nauk; RADUMSKIY, L.D., inzh.; RENNE, V.T., doktor tekhn.nauk; SVENCHANSKIY, A.D., doktor tekhn.nauk; SOLOV'YEV, I.I., doktor tekhn.nauk; STUPEL' F.A., kand.tekhn.nauk; TALITSKIY, A.V., prof.; TEMNIKOV, F.Ye., kand.tekhn.nauk; FEDOROV, L.I., inzh.; FEDOSEYEV, A.M., doktor tekhn.nauk; KHOLYAVSKIY, G.B., inzh.; CHECHET, Yu.S., doktor tekhn.nauk; SHNYY-BERG, Ya.A., kand.tekhn.nauk; SHUMILOVSKIY, M.N., doktor tekhn.nauk; AMTIK, I.B., red.; MEDVEDEV, L.Ya., tekhn.red.

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Istoriia energeticheskoi tekhniki SSSR v trekh tomakh. Moskva, Gos. energ. izd-vo. Vol. 2, 1957

(Continued on next card)

ALEKSANDROV, A.G.--(continued) Card 2.

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toma: Aleksandrov i dr. 1957. 727 p. (MIHA 11:2)

1. Moscow. Moskovskiy energeticheskii institut. 2. Chlen-korrespon-  
dent AN SSSR (for Larionov)  
(Electric engineering)

"Relay protection with semi-conductor devices"

report to be submitted for Intl. Conference on Large Electric Systems (CIGRE),  
18th Biennial Session, Paris, France, 15 - 25 Jun 60.

LOSEV, S.B.; SMELYANSKAYA, B.Ya.; FEDOSHEV, A.M., prof., doktor tekhn.  
nauk, red.; LEPEKHINSKAYA, Ye.V., red.; AKHILAMOV, S.N., tekhn.  
red.

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elektrotekhnicheskii slovar'. Izd.2. Moskva, Gos.izd-vo fiziko-  
matem.lit-ry. Group 16. [Relay protection] Releinaia zashchita.  
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(Dictionaries, Polyglot) (Electric relays--Dictionaries)



8-212  
2/10/80/000/007/002/002  
E19A/E055

9.988/

AUTHORS:  
Ivanov, V.I., Doctor of Technical Sciences,  
Mihutskiy, G.V., Candidate of Technical Sciences,  
Spir, Ye.D., Candidate of Technical Sciences,  
Fabrikant, V.I., Doctor of Technical Sciences,  
Yakovlev, A.M., Doctor of Technical Sciences  
TITLE:  
Relay Protective Equipment Based on Transistor  
Instruments

PERIODICAL: Elektricheskoye Stantail, 1960, No. 7, pp. 59-64  
TEXT: By the use of semiconductor diodes and triodes and also  
magnetic components, measuring devices and logical parts of  
protective circuits may be constructed without contacts. Devices  
responding to the ratio of two electrical magnitudes are often  
needed. They can be made of semiconductor rectifiers or may be  
based on the principle of comparing the magnitudes of two  
of electrical magnitudes. Absence of contacts is accompanied by  
rectifying and smoothing them and then, using a relay of high  
sensitivity, to detect the difference between them. With  
transistors, it has been possible to develop circuit elements with  
d.c. rectifiers that react to differences between the magnitudes  
Card 1/6

measured, and operate other parts of the circuit. The Hall and  
magneto-resistive effects may also be used to compare the phase  
of two electrical magnitudes. High-speed relays may, however,  
react to the alternating double-frequency component of the Hall e.m.f.  
It is accordingly necessary to eliminate this component, by the use  
of filters or special compensating circuits. The circuits were  
constructed around two identical Hall emitters, the alternating  
component of Hall e.m.f. being cancelled and the constant component  
removed. In the second method, the crystal rectifier of one  
pick-up passes current induced in an additional winding by the  
flux of the second pick-up. The flux is set up by one of the  
electrical magnitudes to be compared. Conversely, the current of  
the second pick-up induces a flux in the first set up by the second  
electrical magnitude. An expression for the sensitivity of the  
circuit is derived. In this way, the relay may be made to operate reliably under  
various circuit conditions. Relays may also make use of the  
dependence of the resistance of semiconductor elements on the  
intensity of the magnetic field in which they are located. This  
Card 2/6

effect is particularly marked if the semiconductor elements are in  
the form of discs. The principles underlying a relay of this  
type are briefly explained and a schematic circuit diagram of a  
voltage relay is shown in Fig. 4. Multi-phase resistance relays  
have been proposed for remote control. Such a relay reacts to  
all kinds of multi-phase short-circuits, or at any rate to most of  
them without opening or closing contacts. Contactless relay  
systems have been built up in this way. The line-relay elements  
are usually of the capacitor charging type described. Two methods  
of protection have been proposed. The first is the method of making  
use of the dependence of the resistance of semiconductor elements on  
the intensity of the magnetic field. The second is the method of making  
use of the dependence of the resistance of semiconductor elements on  
the intensity of the magnetic field. One of these methods, due to Candidate of Technical Sciences  
O.V. Mamonov (see Elektricheskoye Stantail, 1958, No. 3), uses the  
impulse method of comparing the current phase and was installed in  
1958 in experimental service on a 220 kV line. In the other  
system, the current phase at the ends of the protective lines are  
compared by means of an integrating circuit, shown as a block  
Card 3/6

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R19/R635

# Delay Protective Equipment Based on Transistor Instruments

with a band-width of 1000 c/s, a high-frequency amplifier and a d.c. amplifier. From the output of this amplifier the d.c. impulse is applied to the phase comparator circuit. The overload protection of the triodes of the output cascade of the transmitter is described. In 1950 the prototype of the transmitter-receiver based on transistor instruments was built into service with a differential phase protection scheme type R33 (DP2-2) on a channel line of 60 km. The operating frequency of the protective channel was 210 kc/s and in 11 months service the performance was fully satisfactory. A method of differential protection with delay has been developed which differs from other systems in that the currents are protected by a method that ensures selectivity and speed of operation. The reacting element of the protective system is a d.c. relay connected to the output of the comparator circuit either directly or through a d.c. amplifier based on semiconductor. A common reacting element can be used for all three phases. Fig.10 gives a block-circuit diagram of a protective circuit; the method of operation is briefly described. There are 11 figures and 5 Soviet references.

Card 5/6

much less than 50 milliseconds. In this case the second part of the circuit is used. It contains a grid control element which also responds to the same measurement of the sign of the power acting on the output cascade of the protective circuit. In the event of asymmetrical damage to the protected line, the power directional elements on both sides of the line operate the power-protective relay. A relay which transmits high-frequency with a phase differential protective system. It is intended for operating with a phase differential protective system. A block circuit diagram is given in Fig.8. The entire system is based on a principle which is explained. Briefly, if there is an asymmetrical voltage applied to the control cascade it is open and the output of the transmitter. If power-frequency voltage appears on the output of the transmitter this becomes blocked and the transmitter is stopped. The power of the high-frequency signal beyond the line filter is 6.5 W in the frequency range of 30 to 250 kc/s. The receiver contains an input high-frequency filter

Card 5/6

diagram in Fig.6. The operation of this circuit is explained. A directional high-frequency protective circuit is described with a block circuit diagram in Fig.7. It was developed by Candidate of Technical Sciences Ye.M. Smorodinsky and Engineers G.D. Velichkin, Ye. G. Lyudskov and V.P. Kletchko and uses semiconductor diodes and triodes. If the line is not provided with lightning arresters, as that used, the main high-frequency signal is blocked and the part of the circuit is used. The operating principle of the phase-protective system with lightning arresters, then only the main high-frequency signal is used. The operating principle of the phase-protective system with lightning arresters, then only the main high-frequency signal is used. The operating principle of the phase-protective system with lightning arresters, then only the main high-frequency signal is used. For this purpose, the protective system uses high-speed diodes. acting power-directional elements based on semiconductor. Because of the characteristics of lightning arresters, when they are used the line protection must be delayed by 50 milliseconds. Therefore, it cannot be entirely based on instantaneous response to the sign of the negative phase-protective power as the asymmetry time may be

Card 5/6

S/105/60/000/07/26/027  
B007/B005

**AUTHORS:** Bogoroditskiy, N. P., Syromyatnikov, I. A., Fedoseyev, A. M.,  
Atabekov, G. I., Yermolin, N. P., Ryzhov, P. I.,  
Timofeyev, V. A., and Others

**TITLE:** Professor Y. I. Ivanov (On His 60th Birthday)

**PERIODICAL:** Elektrichestvo, 1960, No. 7, pp. 94-95

**TEXT:** This is a short biography of Viktor Ivanovich Ivanov born in April 1900 at Penza as the son of an engine driver. He is Doctor of Technical Sciences and Professor at the Leningradskiy elektrotekhnicheskii institut im. Ul'yanova (Lenina) (Leningrad Electrotechnical Institute imeni Ul'yanov (Lenin)). He finished his secondary school education in 1918, and enrolled at the fiziko-matematicheskii fakul'tet Saratovskogo universiteta (Department of Physics and Mathematics at Saratov University), and in 1921 at the Leningrad Electrotechnical Institute imeni Ul'yanov (Lenin) from which he graduated in the special subject of electric power plants in 1927. He started his pedagogical activity at the same institute under the

Card 1/3

Professor V. I. Ivanov (On His 60th Birthday)

S/105/60/000/07/26/027  
B007/B005

supervision of A. A. Smurov in the same year, and conducted - at the same time - the investigations of protective relays at the Leningradskaya energosistema (Leningrad Power Network). Under the supervision of R. A. Lyuter and together with P. I. Ryzhov, he established a laboratory for protective relays at the same institute, and was among the first in the USSR to give lectures on protective relays and short-circuit currents. At the same time, he organized - at Lenenergo together with P. I. Ryzhov - the first service for protective relays in the USSR. His book on this field was published in 1932. From 1932 to 1941, he conducted the department of protective relays at the laboratory of A. A. Smurov. He developed a carrier-current protection for transmission lines, and under his supervision the laboratoriya im. Smurova (Laboratory imeni Smurov) installed 40 such sets at the Mosenergo, Lenenergo, Donbassenergo, and Uralenergo. During the first war years, he worked in the Ural, and besides, lectured at the Ural'skiy politekhnicheskiy institut (Ural Polytechnic Institute) and the Lesotekhnicheskiy institut (Forest Technology Institute). In 1944-47 he lectured at the Akademiya im. Zhukovskogo (Academy imeni Zhukovskiy) and the Moskovskiy aviatsionnyy institut im. Ordzhonikidze (Moscow Aviation Institute imeni Ordzhonikidze).

Card 2/3

Professor V. I. Ivanov (On His 60th Birthday)

S/105/60/000/07/26/027  
B007/B005

In 1947 he returned to the Leningrad Electrotechnical Institute, and conducted the kafedra tekhniki vysokikh napryazheniy (Chair of High Voltage) which he transformed to the kafedra moshchnykh vysokovol'tnykh preobrazovatel'nykh ustroystv promyshlennykh i impul'snykh ustanovok (Chair of Large High-voltage Rectifying Devices for Industrial and Pulse Apparatus) in 1956. At the same time, he cooperated in the investigations of the Nauchno-issledovatel'skogo instituta postoyannogo toka (Direct Current Scientific Research Institute) and the Institut elektromekhaniki AN SSSR (Institute of Electromechanics AS USSR). In 1936, he became a Docent and Candidate of Technical Sciences, in 1943 Doctor of Technical Sciences and Professor. His thesis was entitled: "Generalized Theory of Lines". There is 1 figure.

Card 3/3

SOLOV'YEV, I.I., doktor tekhn.nauk, prof.; FEDOSEYEV, A.M., doktor tekhn.nauk, prof.

Development of relay protection and automation of electric power systems from the birth of the "Plan of the State Commission for the Electrification of Russia" down to the present day.  
Trudy MEI no.33:183-210 '60. (MIRA 15:3)  
(Electric power distribution) (Electric protection)

FEDOSEYEV, Aleksey Mikhaylovich; YERMOLENKO, V.M., retsenzent;  
DROZDOV, A.D., retsenzent; MERZHANOV, A.K., red.; LARIONOV, G.Ye.,  
tekhn. red.

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perer. Moskva, Gos.energ.izd-vo, 1961. 439 p. (MIRA 15:2)

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cherkasskogo politekhnicheskogo instituta (for Drozdov). 2. Za-  
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skogo energeticheskogo instituta (for Yermolenko).

(Electric power distribution) (Electric protection)  
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VOSTROKNUTOV, Nikolay Nikolayevich; DOROGUNTSEV, Viktor Gavrilovich;  
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L'vovich; IVANOV, V.I., prof., retsentsent; GIZIL, Ye.F.,  
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[Use of transistors in relay protection and system automa-  
tion]Primenenie poluprovodnikov v ustroystvakh releinoi  
zashchity i sistemoi avtomatiki. Moskva, Vysshaya shkola,  
1962. 282 p. (MIRA 16:3)

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(Transistor circuits)



*FEDOSEYEV, A.M.*

BACHURIN, N.I., inzh.; VOLKOV, S.S., inzh.; GORONITSKIY, S.S., prof., doktor tekhn. nauk; GUSEV, S.A., dotsent, kand. tekhn. nauk; ZHUKHOVITSKIY, B.Ya., dots., kand. tekhn. nauk; IVANOV-SMOLENSKIY, A.V., dots., kand. tekhn. nauk; KIFER, I.I., dots., kand. tekhn. nauk; KORYTIN, A.A., starshiy pre-podavatel'; KULIKOV, P.V., dots.; NIKULIN, N.V., dots., kand. tekhn. nauk; PODMAR'KOV, A.N., dots.; PRIVEZENTSEV, V.A., prof., doktor tekhn. nauk; RUMSHINSKIY, L.A., dots., kand. fiz.-mat. nauk; SOBOLEV, V.D., dots., kand. tekhn. nauk; URLAPOVA, M.N., inzh.; TIKHOMIROV, P.M., dots., kand. tekhn. nauk; FEDOROV, A.A., dots., kand. tekhn. nauk; CHUNIKHIN, A.A., dots., kand. tekhn. nauk; CHILIKIN, M.G., prof., glav. red.; GOLOVAN, A.T., prof., red.; GRUDINSKIY, P.G., prof., red.; PETROV, G.N., prof., doktor tekhn. nauk, red.; FEDOSEYEV, A.M., prof., red.; ANTIK, I.V., inzh., red.; BORUNOV, N.I., tekhn. red.

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I.A.; FEDOSEYEV, A.M.; FEDCHENKO, I.K.; KHOJOROV, S.Ye.;  
CHIZHENKO, I.M.; TSUKERNIK, L.V.

Professor Vasilii Grigor'evich, 1904 -; on his 60th birthday.  
Elektrichestvo no.4:93-94 Ap '64. (MIRA 17:4)

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SOLDATKINA, L.A.; TAYTS, A.A.; UL'YANOV, S.A.; FEDOSEYEV, A.M.;  
KHEYSTER, V.V.

Boris Arkad'evich Teleshev; on his 70th birthday and the 45th  
anniversary of his engineering and educational work. Elektri-  
chestvo no.9:91 8 '64. (MIRA 17:10)

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[Electrical engineering manual] Elektrotekhnicheskii  
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ticheskii institut (for Golovan, Grudinskiy, Petrov,  
Fedoseyev, Chilikin, Venikov). 3. Chlen-korrespondent AN  
SSR (for Petrov).

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Petr Ivanovich Voevodin, 1884- ; on his 80th birthday. Elektrichestvo  
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I.A.; FEDOSEYEV, A.M.; KHACHATUROV, A.A.; IL'KIND, Yu.M.

Lev Grazdanovich Mamikonians; on his 50th birthday and the 30th  
anniversary of his scientific and practical work. Elektrichestvo  
no.5:90 My '65. (MIRA 18:6)



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GRUDINSKIY, P.G.; ZAKHARIN, A.G.; KRASHOV, V.S.; LEVIN, M.S.; LISTOV,  
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Doctor of technical sciences, Professor Lev Efimovich Ebin, 1905-; on  
his 60th birthday. Elektrichestvo, no.6:91 Je '65.

(MIRA 18:7)

13

1. 2968-66 EWT(d)/EWP(k)/EWP(1)  
ACCESSION NR: AP9026355

UR/0105/64/000/009/0091/0091

AUTHOR: Bel'kind, L. D.; Venikov, V. A.; Glazunov, A. N.; Grudinskiy, P. G.;  
Zhadin, K. P.; Zhebrovskiy, S. P.; Lapitskiy, V. I.; Neldiyudov, B. K.; Pavlenko, V. A.  
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Tayts, A. A.; Ul'yanov, S. A.; Fedoseyev, A. M.; Khoystur, V. A.

TITLE: Professor B. A. Teleshev on this 70th birthday and the 45th anniversary  
of his engineering, scientific, and teaching activity

SOURCE: Elektrichestvo, no. 9, 1964, 91

TOPIC TAGS: electric engineering personnel

ABSTRACT: Boris Arkad'yevich Teleshev was seventy years old 12 March 1964.  
He graduated from the electromechanical department of the Petrograd Poly-  
technic Institute in 1917 and gained the title Electrical Engineer in 1920.  
In the Union of Electric Power Stations of the Moskovskiy rayon, Teleshev  
was one of the founders of the first dispatcher service of the Moscow  
Power System, the chief dispatcher of this system, the manager of the high-  
voltage networks of the Moscow Union, the chief engineer in construction of  
the Moscow high-voltage network and of the high-voltage networks of the

Card 1/3

L 2968-66  
ACCESSION NR: AP5026355

Moskovskiy rayon and the chief engineer in construction of the Bobrikovsk (now Novomoskovsk) hydroelectric station. In connection with the reorganization of construction in 1931, Teleshev was transferred to Energostroy, first as chief engineer of the Moscow division and then as deputy chief of the design administration of Energostroy (now Teploelektroproyekt). In 1934, Teleshev took the post of assistant director of the Scientific Section of the Power Engineering Institute imeni Khrushchevskiy of the Academy of Sciences USSR and worked as the immediate assistant to Academician G. M. Khrushchevskiy in directing the Institute until 1946. Starting in 1923, he did scientific research work first at the Moscow Institute of Mechanics im. Lomonosov and then at the Institute of National Economy im. Plekhanov. After the founding of the Moscow Power Engineering Institute in 1930, Teleshev transferred to that Institute and worked there until 1940. Here he was Lecturer of the Department of "Central Electric Stations" and a professor in the department. He received his professorship in 1933. He was Dean of the Electric Power Department of the Institute from 1932-1935. In 1940, Teleshev was made director of the Department of Electrical Engineering of the Moscow Institute of Fine Chemical Technology where he remained until 1955. In 1944 he took part in organizing the Power Engineer-

Card 2/3

L 2968-66

ACCESSION NR: AP5026355

ing Department of the Moscow Institute of Engineering Economics im. S. Ordzhonikidze. From 1946 to the present, Teleshev has been director of the Department of "Electric Stations and Substations" and there have been two printings of his textbook on a course in "General Electrical Engineering." Teleshev has acted in a consultative capacity in plans for a great number of electrical stations and networks. He participated in the Government Consultation on the Dneper hydroelectric station im. V. I. Lenin. He has been an active member of the Scientific and Technical Society of the Power Industry for more than 20 years. He was chairman of the Moscow board of the Society from 1944 to 1951. For his service to the Society, he has been made a permanent member. In 1950 he was elected deputy in the Moscow Council of Deputies of the Workers. He has been decorated with the Order of Lenin, the Order of the Red Banner of Labor and with medals.

Orig. art. has: 1 figure.

ASSOCIATION: none

SUBMITTED: 00

ENCL: 00

SUB CODE: EE

NR REF NOV: 000

OTHER: 000

JPRS

*Ch*  
Card 1/3

L 8211-66 ENT(1) LIP(c)		SOURCE CODE: UR/0388/65/002/004/0377/0380	
ACC NR: AP5013866			
44,55 44,55 44,55 44,55 44,55 AUTHOR: Lebedev, Ye. I.; Pittsyna, I. G.; Sakharov, A. V.; Blakh, A. A.; Ivanova, N. I.; Fedoseyev, A. M.			
44,55 ORG: Leningrad Society of Optical Equipment Enterprises (Leningradskoye ob'yedineniye optiko-mekhanicheskikh predpriyatiy)			
44,55 TITLE: New instruments for molecular spectral analysis in the infrared region of the spectrum [Paper presented at the Plenary Session of the 18th Conference on Spectroscopy, 2 February 1965]			
SOURCE: Zhurnal prikladnoy spektroskopii, v. 2, no. 4, 1965, 177-380			
21,44,55 21,44,55 TOPIC TAGS: IR photometer, IR microscope, IR optic system			
ABSTRACT: The authors describe several new instruments developed by the Leningrad Society of Optical Equipment Enterprises in 1963-1964: the IK-22 spectrophotometer for mass analysis; the IK-23 spectrophotometer for research on radiation from liquid specimens; the PMO-2 microscope attachment for a single-beam spectrophotometer for use in studying specimens such as fibers and crystals; and the KKT-1 variable-thickness cell for studying liquids. A photograph of each instrument is given together with a detailed description of its operation and technical characteristics. A diagram of the optical system for the IK-23 instrument is given and explained. Orig. art. has: 5 figures.			
SUB CODE: OP/		SUBM DATE: 00/	
ORIG REF: 000/		OTN REF: 000	
UUC: 536.653			
17W Card 1/1			

LEBEDEV, Ye.I.; PTITSYNA, I.G.; SAKHAROV, A.V.; BLOKH, A.A.; IVANOVA, N.I.;  
FEDOSEYEV, A.M.

New devices for molecular spectrum analysis in the infrared spectral  
region. Zhur. prikl. spekt. 2 no.4:377-380 Ap '65.

(MIRA 18:8)

1. Leningradskoye ob"yedineniye optiko-mekhanicheskikh predpriyatiy.

ATABEKOV, G.I.; BASHARIN, A.V.; BOGORODITSKIY, N.P.; BULGAKOV, K.V.;  
VASIL'YEV, D.V.; YEGIAZAROV, I.V.; YERMOLIN, N.P.; KOSTENKO, M.P.;  
MATKHANOV, P.N.; NOVASH, V.I.; NORNEVSKIY, B.I.; RUTSKIY, A.I.;  
RYZHOV, P.I.; SOLOV'YEV, I.I.; SOLODNIKOV, G.S.; SLEPYAN, Ya.Yu.;  
SMIROVA, N.V.; TINYAKOV, V.A.; FATEYEV, A.V.; FEDOSEYEV, A.M.;  
SHABADASH, B.I.; SHCHEDEIN, N.N.

Viktor Ivanovich Ivanov, 1900-1964; obituary. Izv. vys. ucheb.  
zay.; energ. 8 no.1:122-123 Ja '65.

(MIRA 18:2)

L 11051-66

ACC NR: AP6004792

SOURCE CODE: U11/0105/65/000/005/0090/0090

AUTHOR: Burgsdorf, V. V.; Gortinskiy, S. M.; Drozdov, N. G.; Kulakovskiy, V. B.;  
Lindorf, L. S.; Mel'nikov, N. A.; Petrov, I. I.; Portnoy, M. K.; Syromyatnikov, I. A.;  
Fedoseyev, A. M.; Khachaturov, A. A.; El'kind, Yu. M.

ORG: none

TITLE: Doctor of engineering sciences, Professor L. G. Mamikonyants

SOURCE: Elektrichestvo, no. 5, 1965, 90

TOPIC TAGS: electric engineering personnel, electric engineering

ABSTRACT: The article was written in honor of Lev Grazdanovich Mamikonyants on the occasion of his 50th birthday and upon his completion of 30 years of scientific and industrial activity. He graduated from the Azorbaydzhan Industrial Institute in 1938, whereupon he worked at the Central Industrial Research Laboratory of Azenergo first as Electrical Engineer and then as Chief Engineer. His scientific activity begun during the student years at the university laboratories for electrical machinery and high-voltage techniques. From 1941 to 1945 he served in the Soviet Army and became a member of the Communist Party in 1942. Since 1945 he has been working with the VNIIE (All-Soviet Scientific-Research Institute of Electric Power) at the State Industrial Commission on Power and Electrification of the USSR, in charge of the Electrical Machinery Laboratory now and also as head of the Department of Electrical Machinery, Insulation and Automation. Since 1953 he has also been the Vice-Director of the Institute of Scientific Affairs. He received the degree of Doctor of

Card 1/2

UDC: 621.331



L : D051-66

ACC NR: AP6004792

4  
Engineering Sciences in 1959 and was appointed Professor in 1961. Much theoretical and practical work has been done under his leadership at the Electrical Machinery Laboratory which he helped to set up. Problems concerning the theory of synchronous machines leading to their improved operation were worked out here (asynchronous condition after loss of excitation, simplified method of compensator starting, self-synchronization of generators, etc.). L. G. Mamikonyants is also active in scientific research coordinating committees on power and electrification in the USSR. He sits also on the Committee for the Determination of Electrical Equipment Parameters and on the Joint Scientific Council of the Moscow Power Institute. Furthermore, he is on the editorial board of Elektrichestvo. During his entire career he has published about 60 works, many of them resulting from basic research. At the Moscow Power Institute he taught a course on "Special Problems in Electric Power Stations" from 1952 to 1954 and on "Testing of Synchronous Machines" from 1953 to 1954. The texts of his lectures were printed in the form of a compendium. He is very effective in training the young generation of students and assisting them in earning their degrees. L. G. Mamikonyants participates in the activities of the VNIIE both as recruiter and as lecturer. Orig. art. has: 1 figure. [JPRS]

SUB CODE: 09 / SUBM DATE: none

1  
Card 2/2

L 22592-66

ACC NR: AP6013001

SOURCE CODE: IR/0105/65/000/006/0091/0091

AUTHOR: Andrianov, V. N.; Budzko, I. A.; Vanikov, V. A.; Demin, A. V.; Gorodskiy, D. A.; Grudinskiy, P. G.; Zakharin, A. G.; Krasnov, V. S.; Levin, M. S.; Listov, P. N.; Markovich, I. M.; Mel'nikov, N. A.; Nazarov, G. I.; Rasevig, D. V.; Smirnov, B. V.; Stepanov, V. N.; Syromyatnikov, I. A.; Fedoseyev, A. M.; Yakobs, A. I.

ORG: none

TITLE: Doctor of technical sciences, Professor L. Ye. Ebin (on the occasion of his 60th birthday

SOURCE: Elektrichestvo, no. 6, 1965, 91

TOPIC TAGS: scientific personnel, electric network, lightning

ABSTRACT: Professor Lev Yefimovich Ebin, 60, graduated in 1928 from the Kiyevskiy elektrotekhnicheskiy institut (Kiyev Electrotechnical Institute). Between 1929 and 1936, he worked in the Donenergo system and published various original papers on lightning protection and grounding devices. From 1936 EBIN works at the Vsesoyuznyy nauchno-issledovatel'skiy institut elektrifikatsii sel'skogo khozyaystva (All-Union Scientific Research Institute for the Electrification of Agriculture) where he heads a laboratory. In 1937, he defended his candidate's dissertation and in 1951 his Ph. D. Thesis dealing with studies of the nonsymmetrical operating conditions of electrical networks and of stationary and nonstationary electro-thermal processes in the

Card 1/2

UDC: 621.31

L 22592-66

ACC NR: AP6013001

country. These works served for further development of the rural distribution networks. He showed considerable interest in the problems of the raising of scientific personnel. Ebin was decorated with "Znak pocheta" and various medals. Orig. art. has: 1 figure. [JPRS]

SUB CODE: 09 / SUBM DATE: none

Card 2/2 *JA*

L 29166-66

ACC NR: AP6018890

SOURCE CODE: UR/0104/65/000/011/0094/0094

AUTHOR: Meporozhniy, P. S.; Savinykh, A. P.; Sapozhnikov, F. V.; Sardukov, N. P.;  
Achkanov, D. I.; Burgdorf, V. V.; Monov, N. P.; Syromyatnikov, I. A.; Knyazovskiy,  
B. A.; Rokotyan, S. S.; Stoklov, V. Yu.; Fedoseyov, A. M.; Grudinskiy, P. S.;  
Khomyakov, M. V.; Venikov, V. A.; Chernobrovov, M. V.; Iskrennikov, N. A.;  
Bershadskiy, L. S. 21  
B

ORG: none

TITLE: Honoring the 60th birthday of Aleksandr Dmitriyevich Romanov

SOURCE: Elektricheskiye stantsii, no. 11, 1965, 94

TOPIC TAGS: electric power plant, industrial personnel

ABSTRACT: In July 1965 A. D. Romanov celebrated his 60th birthday and the 35th anniversary of his active life as a major designer, operator, and builder of electric power stations. On his graduation in 1927 from the Moscow College of Engineering, Aleksandr Dmitriyevich joined the Mosenergo Moscow Power System where he steadily rose through the ranks until he became Deputy Chief Engineer, while at the same time participating in the design and practical introduction of 500-kV electric transmission lines running from Moscow to Volzhskaya Hydroelectric Power Station and from Kuybyshev to the Urals. Since 1952 A. D. Romanov has been Chief Engineer at the Glavvosto-  
stroystroy Main Administration for Power Grid Construction in Eastern USSR of the  
Card 1/2

ACC NR: AP6018890

State Production Committee for Energetics and Electrification USSR. Along with his active work, since 1930 A. D. Romanov has been teaching courses in Power Networks and Systems as well as in Power Stations and Substations at the Moscow Correspondence Institute of Energetics and, later, at the All-Union Correspondence Institute of Energetics, and, in this capacity, has trained new cadres of power engineers. In 1957 the title of Assistant Professor was conferred on him and in 1963, the title of Candidate of Technical Sciences. He has published more than 40 scientific and technical articles on power engineering and construction and he is a member of the editorial boards of the periodic anthologies Energeticheskoye Stroitel'stvo (Power Construction) and Energeticheskoye Stroitel'stvo za Rubezhom (Power Construction Abroad). He has been a Party member since 1932 and is the bearer of the Order of Labor Red Banner as well as of various medals. Best wishes for further creative work are extended to him. Orig. art. has: 1 figure. JPRS

SUB CODE: 10 / SUBM DATE: none

Cord 2/2 CC

L 22569-66

ACC NR: AP6012962

SOURCE CODE: UR/0143/65/000/001/0122/0123

AUTHOR: Atabekov, G. I.; Basharin, A. V.; Bogoroditskiy, N. P.; Bulgakov, K. V.;  
Vasil'yev, D. V.; Yegiazarov, I. V.; Yermolin, N. P.; Kosterko, M. P.; Matkhanov,  
P. N.; Novash, V. I.; Nornevskiy, B. I.; Rutskiy, A. I.; Ryahov, P. I.; Solov'yev,  
I. I.; Solodovnikov, G. S.; Slepyan, Ya. Yu.; Smurova, N. V.; Tinyakov, N. A.;  
Pateyev, A. V.; Fedoseyev, A. M.; Shabadash, B. I.; Shchedrin, N. N.

ORG: none

TITLE: Obituary for Ivanov, Viktor Ivanovich

SOURCE: Izvestiya vysshikh uchebnykh zavedeniy. Energetika, no. 1, 1965, 122-123

TOPIC TAGS: academic personnel, electronic personnel, electronics

ABSTRACT: Viktor Ivanovich Ivanov, Dr. of Tech. Sciences, professor of the  
Leningrad Electrotechnical Institute imeni V. I. Ulyanov, died 24 August  
1964. He was born in 1900, was the first teacher of special relay protection  
of power equipment in the USSR, outlining the principles of the new discipline  
in a monograph published in 1932. In recent years, Ivanov has concentrated  
in the development of the teaching of industrial electronics and pulse  
technology in the Leningrad Institute. [JPRS]

SUB CODE: 09 / SUBM DATE: none

Card 1/1 *OK*

ACC NR: A:7007595

SOURCE CODE: UR/0104/66/00H/00E/0095/0096

26

AUTHOR: Chuprakov, N. M.; Dorovoy, A. A.; Iostnikov, N. A.; Malychev, A. A.;  
Magidson, E. M.; Sin'chugov, V. I.; Zeylidsen, Ye. D.; Barchaninov, G. S.;  
Yermolenko, V. M.; Vasil'yev, A. A.; Sokolov, N. I.; Ul'yanov, A. S.;  
Fedorov, A. N.; Sarkisov, M. A.; Rokotyan, S. S.; Azar'yev, D. I.; Arson,  
G. S.; Dubinskii, L. A.; Zhulin, I. V.; Kolpakova, A. I.; Antoshin, N. N.  
Krikunchik, A. B.; Kuchkin, M. D.; Preobrazhenskii, N. Ye.; Reut, M. A.;  
Kheyfits, M. E.; Sharov, A. N.; Yakub, Yu. A.; Gorbunov, N. I.; Shurmukhin,  
V. A.; Beschinskii, A. A.

ORG: none

TITLE: Boris Sergeyevich Uspenskiy (on his 60th birthday)

SOURCE: Elektricheskaya stantsiya, no. 8, 1966, 95-96

TOPIC TAGS: hydroelectric power plant, electric engineering personnel.

SUB CODES: 10

ABSTRACT: B. S. Uspenskiy was born in June 1906. He graduated from  
the State Electric Machine Building Institute in 1928 as an electric  
installation engineer. He worked in the State Electro-Technical Trust  
for four years, then in the All-Union ElectroTechnical Union, where he  
planned power construction units. Plans which he made up at that time  
for the electrical portion of electrical stations and sub-stations are  
still being used. He was involved in planning and installation of the  
electrical portion of hydro-electric power stations and powerful pumping  
stations in the Moscow-Volga Canal. During the war, he was in charge in  
installation of the Krasnogorskaya Heat and Electric Power Station, the  
planning of the Urals Hydro-Electric Power Station and other projects. He

Card 1/2

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FEDOSEEV, A. N.

EXCERPTA MEDICA Sec 18 Vol 3/8 Cardio. Dis. Aug 59

2272. Direct ballistocardiography in chronic experiments on dogs (Russian text)  
FEDOSEEV A. N. Dept. of Exp. and Clin. Physiol., Centr. Post-Grad. Inst., Moscow  
Byull. Eksper. Biol. i Med. 1958, 45/12 (101-103) Graphs 1 Illus. 1

The method suggested permits recording of the ballistocardiogram of non-anaesthetized dogs in chronic experiments using Dock's electromagnetic feeder. If the dogs are trained beforehand to lie in the necessary position with a feeder fixed on the sacrum, it is not necessary to anaesthetize them.

(II, 18)



FEDOSEYEV, A. N., Cand Med Sci — (diss) "The dynamics of certain functional changes in the cardiovascular system in dogs having experimental cholesterol atherosclerosis," Moscow, 1960, 13 pp (Institute of Normal and Pathological Physiology, AMS USSR)  
(KL, 40-60, 124)

FEDOSEYEV, A.N.

Direct ballistocardiographic technic in long-term experiments in dogs.  
Biul. eksp. biol. i med. 46 no.12:101-103 D '58. MIRA 12:1)

1. Iz kafedry eksperimental'noy i klinicheskoy fiziologii (sav. -  
deystvitel'nyy chlen AMN SSSR V.V. Parin) Tsentral'nogo instituta usover-  
shenstvovaniya vrachev (dir. - V.P. Lebedeva), Moskva. Predstavlena dey-  
stvitel'nyy chlenom AMN SSSR V.V. Parinyam.  
(BALLISTOCARDIOGRAPHY,  
same (Rus))

MARKOVSKAYA, G.I. (Moskva); MEYERSON, F.Z. (Moskva); ZARGARLI, F.I. (Moskva);  
FEDOSEYEV, A.N. (Moskva)

Gas exchange and hemodynamics in experimental portal hypertension  
with ascites. Pat.fiziol.i eksp.terap. 4 no.4:26-32 JI-Ag '60.  
(MIRA 14:5)

1. Iz kafedry klinicheskoy i eksperimental'noy fiziologii (zav. -  
deystvitel'nyy chlen AMN SSSR prof. V.V.Parin) Tsentral'nogo  
instituta usovershenstvovaniya vrachey.  
(HYPERTENSION) (RESPIRATION) (BLOOD—CIRCULATION)  
(ASCITES)

FEDOSEYEV, A.N.

Changes in certain hemodynamic indicators in dogs in experimental cholesterol atherosclerosis. Biul. eksp. biol. i med. 49 no. 5:41-45 My '60. (MIRA 13:12)

1. Iz kafedry klinicheskoy i eksperimental'noy fiziologii (zav. - deystvitel'nyy chlen AMN SSSR V.V. Parin) Tsentral'nogo instituta usovrshenstvovaniya vrachey (dir. M.D. Kovrigina), Moskva. Predstavlena deystvitel'nyy chlenom AMN SSR V.V. Parinyu. (ARTERISCLEROSIS) (ELECTROCARDIOGRAPHY) (BALLISTOCARDIOGRAPHY)

FEDOSEYEV, A.N.; POLEZHAYEV, Ye.F.

Peculiarities of cortical coordination in dogs in experimental atherosclerosis. Biul. eksp. biol. i med. 49 no. 6:47-54 Je '60. (MIRA 13:8)

1. Iz kafedry klinicheskoy i eksperimental'noy fiziologii (sav. - deystv. chlen AMN SSSR V.V. Parin) Tsentral'nogo instituta usovershenstvovaniya vrachey (dir. M.D. Kovrigina). Predstavlena deystv. chlenom AME SSSR V.V. Parinyu.  
(CEREBRAL CORTEX) (ARTERIOSCLEROSIS)  
(ELECTROENCEPHALOGRAPHY)

FEDOSEYEV, A.N.

Involution of experimental cholesterol atherosclerosis in dogs.  
Biul. eksp. biol. i med. 50 no.10:58-61 0 '60. (MIRA 14:5)

1. Iz kafedry klinicheskoy i eksperimental'noy fiziologii (zav. -  
deystvitel'nyy chlen AMN SSSR V.V.Parin) Tsentral'nogo instituta  
usovershenstvovaniya vrachey Ministerstva zdavookhraneniya Soyusa  
SSR (dir. - M.D.Kovrigina). Predstavlena deystvitel'nyy chlenom  
AMN SSSR V.V. Parinym.

(ARTERIOSCLEROSIS)  
(BALLISTOCARDIOGRAPHY)

(CHOLESTEROL METABOLISM)  
(ELECTROCARDIOGRAPHY)

FEDOSEYEV, A.N.

Problem of experimental cholesterol atherosclerosis in dogs.  
Biul. eksp. biol. i med. 50 no. 11:37-41 N '60. (MIRA 13:12)

1. Iz kafedry klinicheskoy i eksperimental'noy fiziologii (zav. -  
deystvitel'nyy chlen AMN SSSR V.V. Parin) TSentral'nogo instituta  
usovershenstvovaniya vrachey (dir. - M.D. Kovrigina), Moskva.  
(ARTERIOSCLEROSIS)

AVTSYN, A.P.; SHIBAYEVA, S.M.; FEDOSEYEV, A.N.

Experimental atherosclerosis of dogs in the light of morphological, histochemical, and pathophysiological research data. Dokl. AN SSSR 139 no.3:717-719 J1 '61. (MIRA 14:7)

1. Tsentral'nyy institut usovershenstvovaniya vrachey.  
Predstavleno akademikom N.N. Anichkovym.  
(ARTERIOSCLEROSIS)



FEDOSEYEV, A.N.

Characteristics of arterial reactivity in reversed development  
of experimental cholesterol atherosclerosis in dogs. Dokl.  
AN SSSR 139 no.5:1262-1265 Ag. '61. (MIRA 14:8)

1. Tsentral'nyy institut usovershenstvovaniya vrachey.  
Predstavleno akademikom A.N. Bakulevym.  
(ARTERIOSCLEROSIS)

MIRONOVA, Zoya Sergeyevna; FEDOSEYEV, A.N., red.; KUZ'MINA, N.S.,  
tekhn. red.

[Injuries to the menisci and to the collateral and cruciate  
ligaments of the knee joint in sports; a manual for physicians  
in sports medicine] Povrezhdeniia meniskov, bokovykh i kresto-  
obraznykh svyazok kolennogo sustava pri saniatiiakh sportom;  
posobie dlia vrachei, rabotaiushchikh v oblasti sportivnoi me-  
ditsiny. Moskva, Medgiz, 1962. 135 p. (MIRA 15:8)  
(KNEE—WOUNDS AND INJURIES)

VOVKOVA, P.A.; DOLGOVA, A.A.; IVANOVA, S.D.; LYUKSHENKOVA, Ye.Ya.;  
L'VOV, N.A.[deceased]; RAZDORSKAYA, L.A.[deceased];  
RODIONOVA, V.M.; FEDOSEYEV, A.N., red.; MATVEYEVA, M.M.,  
tekhn. red.

[Wild medicinal plants of the R.S.F.S.R.; Moscow Province]  
Dikorastushchie lekarstvennye rasteniya RSFSR; Moskovskaya  
oblast'. Moskva, Medgiz, 1963. 144p. (MIRA 16:8)

1. Kafedra farmakognozii i Moskovskogo meditsinskogo in-  
stituta im.I.M.Sechenova (for Volkova, Lyukshenkova).
2. Botanicheskiy sad i Moskovskogo meditsinskogo instituta  
im.I.M.Sechenova (for Rodionova).

(MOSCOW PROVINCE--BOTANY, MEDICAL)

VOROB'YEV, V.G.; FEDOSEYEV, A.N.; GAVRILOVA, A.D.

Change in vascular reactions of the isolated heart of dogs with experimental atherosclerosis following a single administration of adrenalin, fenitron and vetrazin. Pat. fiziol. i eksp. terap. 8 no.1:46-49 Ja-F '64. (MIRA 18:2)

1. Institut morfologii cheloveka (dir.- chlen-korrespondent AMN SSSR prof. A.P. Avtsyn) AMN SSSR i kafedra farmakologii farmatsevticheskogo fakul'teta (zav.- prof. A.N. Kudrin) I Moskovskogo ordena Lenina meditsinskogo instituta ineni Sechenova, Moskva.

LEYTES, F.I.; FEDOSEYEV, A.N. (Moskva)

Changes in the lipolytic enzyme activity in experimental atherosclerosis in dogs. Arkh. pat. 26 no.9:15-20 '64.

(MIRA 18:4)

1. Institut morfologii cheloveka (dir. - chlen-korrespondent AMN SSSR prof. A.P.Avtsyn) AMN SSSR i Tsentral'nyy institut kurortologii i fizioterapii (dir. - kand.med.nauk G.N.Pospelova).

FEDOSEYEV, A.N.

Characteristics of arterial reactivity in early stages of the development of experimental cholesterol-induced atherosclerosis in dogs. Biul. eksp. biol. i med. 57 no.4:42-46 Ap '64.

(MIRA 18:3)

1. Institut morfologii cheloveka (dir. - chlen-korrespondent AMN SSSR prof. A.P. Avtsyn) AMN SSSR, Moskva. Submitted April 6, 1963.

FEDOSEYEV, A.N.; VOROB'YEV, V.G.; GAVRILOVA, A.D.

Action of catechol amines, phenitrone and vetrazin on the vessels of a isolated kidney in dogs with atherosclerosis. Pat. fiziol. i eksp. terap. 9 no.5:61-63 S-O '65. (MIRA 19:1)

1. Institut morfologii cheloveka (direktor - deystvitel'nyy chlen AMN SSSR prof. A.P. Avtsyn) AMN SSSR i kafedra farmakologii (zav. - prof. A.N. Kudrin) farmatsevticheskogo fakul'teta I Moskovskogo ordena Lenina meditsinskogo instituta imeni I.M. Sechenova. Submitted June 30, 1964.

L 27987-66 ENT(d)/ENP(1) IJP(c) GG/BB

ACC NR: AP6006629

SOURCE CODE: UR/0292/65/000/011/0040/0042

AUTHOR: Adas'ko, V. I. (Engineer); Pure, R. R. (Engineer); Fedoseyev, A. N. (Engineer) 12  
B

ORG: All-Union Scientific Research Institute of Electromechanics (Vsesoyuznyy nauchno-issledovatel'skiy institut elektromekhaniki)

TITLE: Tape transport of the magnetic-tape storage in the VNIEM-1 computer

SOURCE: Elektrotehnika, no. 11, 1965, 40-42 160

TOPIC TAGS: control computer, magnetic tape storage

ABSTRACT: The development of a magnetic-tape external storage for the VNIEM-1 control computer is reported. Each storage device has reels with up to 360 m 1/2" tape, which permits storing up to 15 million bits of information. Seven tracks with 12 pulses per mm are used. The device comprises a tape transport mechanism and an electronic control unit. The tape transport (see figure) consists of these components: 1 - tape reel, 2 - reducer, 3 - reel drive motor, 4 - idle rollers, 5 - magnetic tape, 6 - intermediate-storage lever, 7 - drive-shaft motor, 8 - drive

Card 1/2

UDC: 681.14-523.8



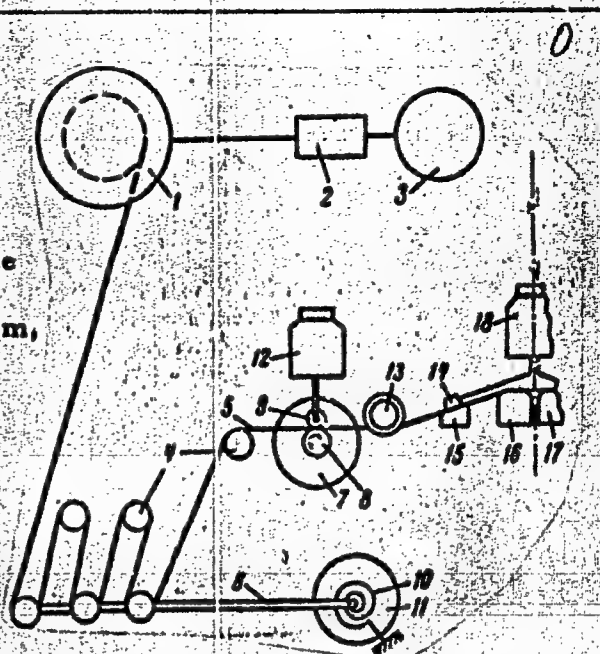
L 27987-66

ACC NR: AP6006629

shaft, 9 - press-down roller, 10 - lever-tightening spring, 11 - lever-position sensor, 12 - solenoid, 13 - spring-type guide, 14 - brake shoe, 15 - support, 16 - recording head, 17 - readout head, 18 - brake solenoid. Operation of the three main assemblies of the tape transport — a magnetic-head unit, a start-stop mechanism, and a servosystem — is briefly explained. Orig. art. has: 4 figures.

SUB CODE: 09 / SUBM DATE: none

ORIG REF: 002



Card 2/2 CC

L 9828-66 EWA(h)

SOURCE CODE: UR/0104/65/000/005/0093/0093

ACC NR: AP6003970

AUTHOR: Sarkisov, M. A.; Rokotyan, S. S.; Uspenskiy, B. S.; Sharov, A. N.; Zhulin, I. V.; Fedoseyev, A. M.; Korolev, M. A.; Kheyfil, M. E.; Yermolenko, V. M.; Petrov, S. Ya.; Azar'yev, D. I.; Krikunchik, A. B.; Pol'yakov, I. P.; Sazonov, V. I.; Khvoshchinskaya, Z. G.; Kartsev, V. L.; Smelyanskaya, B. Ya.; Kozhin, A. N.; Losev, S. B.; Dorodnova, T. N.; Rubinchik, V. A.; Smirnov, E. P.; Rudman, A. A.

ORG: none

TITLE: Abram Borisovich Chernin

SOURCE: Elektricheskiye stantsii, no. 5, 1965, 93

TOPIC TAGS: electric engineering, electric engineering personnel

ABSTRACT: An engineer since 1929, A. B. Chernin has worked for years in developing new techniques and equipment for relay protection of electric power systems. In this 60th birthday tribute, he is credited with leading the group which produced the directives on relay protection, contributing to the development of a method for calculating transient processes in long distance 400-500 kv power transmission lines and with aiding in planning of the electric portions of power stations, substations and power systems. The results of his engineering and scientific work have been published 46 times, he is a doctor of technical sciences (since 1963), and has taught for 30 years at the Moscow Power Institute. Orig. art. has: 1 figure. [JPRS]

SUB CODE: 09 / SUBM DATE: none

HW  
Card 1/1

50  
B

FEDOSEYEV, A.P.

U.S.S.R.

N 86-314

Fedoseyev, A. P., Meteorologiya i otkrytiye pastbishchnoy zhivotovodstva i skotovodstva. [Meteorology and livestock pasturing.] *Prilozh.* Moscow, 2:92-104, Sept. 1952. 4 illus. D.C.-A description of the establishment of a special meteorological service for the livestock industry of Kazakhstan. Since 1946 a network of hydrometeorological stations has been established. In addition to providing information on the water regime and the usual meteorological observations, special observations on soil moisture and condition of vegetation and 8-10 day forecasts for particular pasturing areas are provided. Cooperative observers participate in the collection of data. *Subject Headings:* 1. Animal climatology 2. Pastures 3. Kazakhstan. U.S.S.R.--J.L.D.

351.584636

GP

provided. [Meteorology 1952. 4 illus. D.C.-A description of the establishment of a special meteorological service for the livestock industry of Kazakhstan. Since 1946 a network of hydrometeorological stations has been established. In addition to providing information on the water regime and the usual meteorological observations, special observations on soil moisture and condition of vegetation and 8-10 day forecasts for particular pasturing areas are provided. Cooperative observers participate in the collection of data. *Subject Headings:* 1. Animal climatology 2. Pastures 3. Kazakhstan. U.S.S.R.--J.L.D.]

**FEDOSEYEV, A.P.**

~~Study of ice deposition in pastures. Meteor. i gidrol. no. 2:~~  
32-34 F '53. (MIRA 8:9)

1. Kazakhskiy nauchno-issledovatel'skiy gidrometeorologicheskiy  
institut Alma-Ata.  
(Frost) (Pastures and meadows)

FEDOSEYEV, A-P.

AID P - 1447

Subject : USSR/Meteorology and Hydrology  
Card 1/1 Pub. 71-a - 21/23  
Author : Fedoseyev, A. P.  
Title : A new instruction for agrometeorological observations on  
pasturages and hay harvesting  
Periodical : Met. i gidro., 1, 63-65, Ja - F 1955  
Abstract : A favorable review of the new instruction for the methods  
of observation and accounting of the phenomena of plant  
growth, weather, etc. A criticism is made of the  
apparent haste of printing the book which resulted in  
erroneous statements, repetitions, superfluous tables,  
etc. Three Russian references.  
Institution: Main Administration of the Hydrometeorological Service  
at the Council of Ministers of the USSR  
Submitted : No date

FEDOSEYEV, A.P.

Agrometeorological evaluation of growth conditions of pasture  
vegetation in the plains region of Kazakhstan. Trudy KazNIGMI  
no.4:3-70 '55. (MIRA 10:2)

(Kazakhstan--Meteorology, Agricultural)  
(Vegetation and climate)

~~FEDOSEYEV, A.P.~~

Agroclimatological conditions for cultivating sown grasses in  
the semiarid zone. Trudy KazNIOMI no.4:71-76 155. (MLRA 10:2)

(Crops and climate) (Grasses)

FEDOSEYEV, A.P.

BELOBORODOVA, G.G.; FEDOSEYEV, A.P.

Characteristics of growth dynamics of sown and pasture  
forage grasses in relation to agrometeorological conditions.

Trudy KazNIGMI no.4:77-84 '55.

(MLRA 10:2)

(Crops and climate) (Grasses)



FEDOSEYEV, A.P.

Temperature conditions for corn planting in the northern regions  
of Kazakhstan. Trudy KazNIGMI no.4:169-174 '55. (MLRA 10:2)

(Kazakhstan--Corn (Maize))

FEDOSHEV, A.P.

Agrometeorological conditions of the fall growth of pasture  
vegetation in Kazakhstan. Izv. AN Kazakh. SSI. Ser. biol. no.9:138-158  
'55 (MLRA 9:4)

(KAZAKHSTAN--PASTURES AND MEADOWS)

**FEDOSHEV, A.P.**

Some methods of recording meteorological conditions in geobotanical studies of pastures and hay fields on Kazakhstan plains. Bot.smr. 40 no.6:827-844 M-D '55. (MIRA 9:4)

1. Kazakhskiy gidrometeorologicheskiy institut, Alma-Ata.  
(Kazakhstan--Meteorology, Agricultural)

FEDOSEYEV, A.P.

Aerial study of agrometeorological conditions of the growth of  
pasture vegetation. Izv. AN Kazakh.SSR. Ser.biol. no.1:95-99 '57.  
(KAZAKHSTAN--AERONAUTICS IN AGRICULTURE) (MIRA 10:8)  
(PASTURES AND MEADOWS)